DECLARATION FOR PATENT APPLICATION

Docket N . 5887

As below named inventor, I hereby declare that:

TITLE, FURNACE GAS PYROMETER

My residence, post office address and citizenship are as stated below next to my name.

If believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

the specification of which (chec				
☐ is attach	ned hereto			
was file	d on <u>December 19, 1996</u> as applica	ation Serial No. <u>08/770,609</u>	and was amended o	on (if applicable).
				(ir applicable).
I hereby state that I has amendment referred to above.	ave reviewed and understand the content	s of the above identified specifi	cation, including the c	laims, as amended by any
I acknowledge the duty Regulations, §1.56(a).	to disclose information which is material	to the examination of this applica	ation in accordance with	1 Title 37, Code of Federal
I hereby claim foreign listed below and have also identi- which priority is claimed:	priority benefits under Title 35, United S fied below any foreign application for par	tates Code, §119 of any foreign tent or inventor's certificate havi	application(s) for pate ing a filing date before	nt or inventor's certificate that of the application on
Prior Foreign Application(s)				Priority Claimed
(Number)	(Country)	(Day/Month/Year	r Filed)	Yes No
•				Yes No
(Number)	(Country)	(Day/Month/Year	r Filed)	163 110
of each of the claims of this applied States Code, §112, I acknowledge	fit under Title 35, United States Code, §12 cation is not disclosed in the prior United See the duty to disclose material information or application and the national or PCT in	States application in the manner pon as defined in Title 37, Code of	provided by the first par of Federal Regulations,	agraph of Title 35, United
(Application Serial No.)	(Filing Date)	(S	tatuspatented, pendin	g, abandoned)
(Application Serial No.)	(Filing Date)	(Sr	tatuspatented, pendin	g, abandoned)
Office connected therewith:	ollowing attorney(s) and/or agent(s) to pro t, Jr., Reg. No. 38,073; (2) Robert J. Ed ka, Reg. No. 32,654;			
Address all telephone calls to Address all correspondence to	ROBERT P. BENNETT McDermott Incorporated Patent Department	at telephone no. (330)	860-6605	

20 S. Van Buren Avenue Barberton, Ohio 44203



I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under §1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor		
John T. Huston		
Inventor's signature 0, 2 T. Histor		
Date 3-5-97 Citizenship U.S.		
Residence Lancaster, Ohio		
Post office address: 823 Reese Avenue Lancaster, Ohio 43130		
Full name of second joint inventor, if any		
John W. Berthold		
Inventor's signature		
Date 3-5-97 Citizenship U.S.		
ResidenceSalem, Ohio		
Post office address 1370 North Union Avenue Salem, Ohio 44460		
Full name of third joint inventor, if any		
Thomas E. Moskal		
Inventor's signature Moslice		
Date 3-5-97 Citizenship U.S.		
Residence Pickerington, Ohio		
Post office address		
Pickerington, Ohio 43147		

Full name of fourth joint inventor, if any		
Inventor's signature		
Date	Citizenship U.S.	
Residence		
Post office address		
Full name of fifth joint inventor	, if any	
Inventor's signature		
Date	Citizenship U.S.	
Residence		
Post office address		
Full name of sixth joint invento	r, if any	
Inventor's signature		
Date	Citizenship U.S.	
Residence		
Post office address		•
	•	



DECLARATION FOR PATENT APPLICATION

Docket No. 5887

As below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name. If believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled TITLE, FURNACE GAS PYROMETER the specification of which (check) one ☐ is attached hereto and was amended on as application Serial No. <u>08/770,609</u> was filed on December 19, 1996 (if applicable). I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a). I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed: Priority Claimed Prior Foreign Application(s) No (Day/Month/Year Filed) (Country) (Number) Yes No (Day/Month/Year Filed) (Number) (Country) I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application. (Status-patented, pending, abandoned) (Filing Date) (Application Serial No.) (Status-patented, pending, abandoned) (Filing Date) (Application Serial No.) I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: (1) Robert P. Bennett, Jr., Reg. No. 38.073; (2) Robert J. Edwards, Reg. No. 25,063; (3) Eric Marich, Reg. No. 32,265;

Address all telephone calls to Address all correspondence to

and (4) Daniel S. Kalka, Reg. No. 32,654;

ROBERT P. BENNETT McDermott Incorporated Patent Department 20 S. Van Buren Avenue Barberton, Ohio 44203 at telephone no. (330) 860-6605

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under §1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor			
John T. Huston			
Inventor's signature			
Date Citizenship U.S.			
Residence <u>Lancaster, Ohio</u>			
Post office address: 823 Reese Avenue			
Lancaster, Ohio 43130			
Full name of second joint inventor, if any			
John W. Berthold			
Inventor's signature Sar-Hold			
Date Mach 10 1997 Citizenship U.S.			
Residence Salem, Ohio			
Post office address 1370 North Union Avenue			
Salem, Ohio 44460			
Full name of third joint inventor, if any			
Thomas E. Moskal			
Inventor's signature			
Date Citizenship U.S.			
Residence Pickerington, Ohio			
Post office address 101 Mackenzie Drive			
Pickerington, Ohio 43147			

Full name of fourth joint inventor, if any			
Inventor's signature			
Date	_ Citizenship U.S.		
Residence			
Post office address			
Full name of fifth joint inve	entor, if any		
Inventor's signature			
Date	Citizenship U.S.		
Residence			
Post office address			
Full name of sixth joint inventor, if any			
Inventor's signature			
Date	Citizenship U.S.		
Residence			
Post office address			
1			

5887



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ASSISTANT SECRETARY AND COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

JUNE 25, 1997

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MCDERMOTT INCORPORATED DANIEL S. KALKA 20 S. VAN BUREN AVENUE PATENT DEPARTMENT BARBERTON, OHIO 44203

UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231.

RECORDATION DATE: 04/29/1997

REEL/FRAME: 8509/0010

NUMBER OF PAGES: 7

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

HUSTON, JOHN T.

DOC DATE: 03/05/1997

ASSIGNOR:

BERTHOLD, JOHN W.

DOC DATE: 03/10/1997

ASSIGNOR:

MOSKAL, THOMAS E.

DOC DATE: 03/05/1997

ASSIGNEE:

BABCOCK & WILCOX COMPANY, THE 1450 POYDRAS STREET NEW ORLEANS, LOUISIANA 70112

SERIAL NUMBER: 08770609

PATENT NUMBER:

FILING DATE: 12/19/1996

ISSUE DATE:

RECEIVED BY McDERMOTT INCORPORATED

JUL 5 1997

PATENT DEPARTMENT BARBERTON, OH PEARLENE FOSTER, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

Daniel S. Kalka McDermott Incorporated Patent Department 20 S. Van Buren Avenue Barberton, Ohio 44203

Authorized to be charged to deposit account

8. Deposit account number:

13-0202

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Daniel S. Kalka, Reg. No. 32,654

Signature

4-22-97

Name of P rson Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: 3

· ·	
(Rev. 6-93) PATI	FORM COVER SHEE. U.S DEPARTMENT OF COMMERCE ENTS ONLY atent and Trademark Office
To the Honorable Commissioner of Patents and Trademark Please record the attached original documents or copy	thereof.
 Name f conveying party(ies): John T. Huston, John W. B rthold, and Thomas E. Moskal Additional name(s) of conveying party(ies) attached? Yes No 	2. Name and address of receiving party(les) Name: THE BABCOCK & WILCOX COMPANY Internal Address: Street Address: 1450 Poydras Street
3. Nature of conveyance:	City: New Orleans State: LA ZIP: 70112
Assignment	Additional name(s) & address(es) attached?
☐ Security Agreement ☐ Change of Name ☐ Other	
Execution Date <u>March 5, 1997</u> March 10, 1997	
4. Application number(s) or patent number(. If this document is being filed togethed togeth	s): r with a new application, the execution
A. Patent Application No.(s) Serial No. 08/770,609 Case No. 5887 Additional number	B. Patent No.(s)
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:1_
Daniel S. Kalka McDermott Incorporated Patent Department 20 S. Van Buren Avenue Barberton, Ohio 44203	7. Total fee (37CFR 3.41) \$ 80.00 Enclosed Authorized to be charged to deposit account
	8. Deposit account number: 13-0202 (Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Daniel S. Kalka, Req. No. 32,654 Name of Person Signing Signature

*4-22-97*Date

Total number of pages including cover sheet, attachments, and document: 3

THIS ASSIGNMENT made the <u>5</u> day of <u>March</u>, 19<u>97</u>, by John T. Huston, John W. Berthold, and Thomas R. Moskal

WITNESSETH: That

WHEREAS, we are the joint inventors of a certain new and useful improvement in FURNACE GAS PYROMETER

for which we have prepared and executed an application for Letters Patent of the United States Patent Office under the date of <u>December 19, 1996</u>; and Serial No. 08/770,609.

WHEREAS, THE BABCOCK & WILCOX COMPANY, a corporation organized under the laws of the state of Delaware, and having its principal office at New Orleans, Louisiana, is desirous of acquiring the entire right, title, and interest in and to said invention, and any and all Letters Patent which shall be granted therefor;

NOW, THEREFORE, To All Whom It May Concern, be it known that for and in consideration of the sum of One Dollar (\$1.00) to us paid, and other good and valuable considerations, the receipt of which is hereby acknowledged we, John T. Huston, John W. Berthold, and Thomas R. Moskal, have sold, assigned, transferred and set over, and by their presents do sell, assign, transfer and set over, unto said THE BABCOCK & WILCOX COMPANY, its successors and assigns, the entire right, title, and interest in and to the above-mentioned invention and application and in and to any and all Letters Patent of the United States which may hereinafter be granted therefor, and in and to any and all extensions, divisions, or reissues of said Letters Patent, the same to be held and enjoyed by said THE BABCOCK & WILCOX COMPANY, for its own use and behoof, and the use and behoof of its successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me had this assignment and sale not been made;

AND, for the consideration aforesaid, we hereby covenant and agree with said THE BABCOCK & WILCOX COMPANY, its successors and assigns, that at the time of the execution and delivery of these presents, we are the joint and lawful owners of the entire right, title, and interest in and to the invention, application and Letters Patent above mentioned, and that the same are unencumbered, and that I have good right and lawful authority to sell and convey the same in the manner herein set forth;

District 1/91

JOINT ASSIGNMENT CASE 5887

AND, for the consideration aforesaid, we hereby covenant and agree with said THE BABCOCK & WILCOX COMPANY, its successors and assigns, that we will, whenever its counsel or the counsel of its successors or assigns, learned in the law, shall advise that an amendment or division or any other proceeding in connection with said application, including interference proceedings, is lawful and desirable or that a reissue or extension of said Letters Patent is lawful and desirable, sign all papers and drawings, take all rightful oaths, and do all acts necessary or required to be done for the procurement of valid Letters Patent for said invention, or for the reissue or extension of same, without charge to said THE BABCOCK & WILCOX COMPANY, or its successors or assigns, but at its or their expense.

We hereby request the Honorable Commissioner of Patents and Trademarks of the United States to issue the Letters Patent in accordance with this instrument.

AND, for the consideration aforesaid, we have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto said THE BABCOCK & WILCOX COMPANY, its successors, assigns, or nominees, the entire right, title, and interest in and to any and all Letters Patent or other form of protection which may be granted in countries foreign to the United States, and in and to any and all applications for Letters Patent or other form of protection which may be filed for said invention in countries foreign to the United States, and in and to the invention described in said applications; and we hereby authorize and empower said THE BABCOCK & WILCOX COMPANY, its successors, assigns or nominees, to apply for Letters Patent, or other form of protection, on said invention, in its own name or in the name of its successors, assigns or nominees, in any and all countries where it may desire to file such applications and where such applications may be filed by another other than the inventors; and we hereby covenant and agree to sign all papers and drawings, take all rightful oaths, and do all acts necessary or required to be done for the procurement of valid Letters Patent, or other form of protection, for said invention in countries foreign to the United States, and for further investing or confirming the right and title thereto in said THE BABCOCK & WILCOX COMPANY, its successors, assigns or nominees, without charge to said THE BABCOCK & WILCOX COMPANY, or its successors, assigns or nominees, but at its or their expense.

JOINT ASSIGNMENT

IN WITNESS WHEREOF, we have hereunto set my hand and seal on the day and year first above written.

John T. Huston

John W. Berthold

Thomas E. Moskal

WITNESSES:

Rethund Spent

State of Chic)

ss.

On this, the /C day of // HRCH , 1997, before me personally appear

to me known and known to me to be the persons described in and who executed the foregoing instrument; and that they acknowledged to me that they executed the same for the purpose therein stated./

NOTARY PUBLIC

SEAL

Kathleen Kondel Chinary Public Commences Dynam 12-17-67

CASE 5887

THIS ASSIGNMENT made the 10th day of March, 1997, by John T. Huston, John W. Berthold, and Thomas E. Monkal

WITNESSETH: That

WHEREAS, we are the joint inventors of a certain new and useful improvement in FURNACE GAS PYROMETER

for which we have prepared and executed an application for Letters Patent of the United States Patent Office under the date of <u>December 19. 1996</u>; and Serial No. 08/770.609.

WHEREAS, THE BABCOCK & WILCOX COMPANY, a corporation organized under the laws of the state of Delaware, and having its principal office at New Orleans, Louisiana, is desirous of acquiring the entire right, title, and interest in and to said invention, and any and all Letters Patent which shall be granted therefor;

NOW, THEREFORE, To All Whom It May Concern, be it known that for and in consideration of the sum of One Dollar (\$1.00) to us paid, and other good and valuable considerations, the receipt of which is hereby acknowledged we, John T. Huston, John W. Berthold, and Thomas E. Moskal, have sold, assigned, transferred and set over, and by their presents do sell, assign, transfer and set over, unto said THE BABCOCK & WILCOX COMPANY, its successors and assigns, the entire right, title, and interest in and to the above-mentioned invention and application and in and to any and all Letters Patent of the United States which may hereinafter be granted therefor, and in and to any and all extensions, divisions, or reissues of said Letters Patent, the same to be held and enjoyed by said THE BABCOCK & WILCOX COMPANY, for its own use and behoof, and the use and behoof of its successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me had this assignment and sale not been made;

AND, for the consideration aforesaid, we hereby covenant and agree with said THE BABCOCK & WILCOX COMPANY, its successors and assigns, that at the time of the execution and delivery of these presents, we are the joint and lawful owners of the entire right, title, and interest in and to the invention, application and Letters Patent above mentioned, and that the same are unencumbered, and that I have good right and lawful authority to sell and convey the same in the manner herein set forth;

CASE 5887

AND, for the consideration aforesaid, we hereby covenant and agree with said THE BABCOCK & WILCOX COMPANY, its successors and assigns, that we will, whenever its counsel or the counsel of its successors or assigns, learned in the law, shall advise that an amendment or division or any other proceeding in connection with said application, including interference proceedings, is lawful and desirable or that a reissue or extension of said Letters Patent is lawful and desirable, sign all papers and drawings, take all rightful oaths, and do all acts necessary or required to be done for the procurement of valid Letters Patent for said invention, or for the reissue or extension of same, without charge to said THE BABCOCK & WILCOX COMPANY, or its successors or assigns, but at its or their expense.

We hereby request the Honorable Commissioner of Patents and Trademarks of the United States to issue the Letters Patent in accordance with this instrument.

AND, for the consideration aforesaid, we have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto said THE BABCOCK & WILCOX COMPANY, its successors, assigns, or nominees, the entire right, title, and interest in and to any and all Letters Patent or other form of protection which may be granted in countries foreign to the United States, and in and to any and all applications for Letters Patent or other form of protection which may be filed for said invention in countries foreign to the United States, and in and to the invention described in said applications; and we hereby authorize and empower said THE BABCOCK & WILCOX COMPANY, its successors, assigns or nominees, to apply for Letters Patent, or other form of protection, on said invention, in its own name or in the name of its successors, assigns or nominees, in any and all countries where it may desire to file such applications and where such applications may be filed by another other than the inventors; and we hereby covenant and agree to sign all papers and drawings, take all rightful oaths, and do all acts necessary or required to be done for the procurement of valid Letters Patent, or other form of protection, for said invention in countries foreign to the United States, and for further investing or confirming the right and title thereto in said THE BABCOCK & WILCOX COMPANY, its successors, assigns or nominees, without charge to said THE BABCOCK & WILCOX COMPANY, or its successors, assigns or nominees, but at its or their expense.

IN WITNESS WHEREOF, we have hereunto set my hand and seal on the day and year first above written.

John T. Huston

John W. Berthold

Thomas E. Moskal

WITNESSES:

surent. lend

Daman J. Witz

STATE OF Chia

COUNTY OF Jurhills

On this, the 6 day of March, 1997, before me personally appear

John T. Huston, John W. Berthold, and Thomas R. Moskal

to me known and known to me to be the persons described in and who executed the foregoing instrument; and that they acknowledged to me that they executed the same for the purpose therein stated.

NOTARY PUBLIC

SEAL